

# **Use of SPL Data in Healthcare Information Systems**

## **Part Two**



A Downstream Use of SPL Subgroup Publication

## Table of Contents

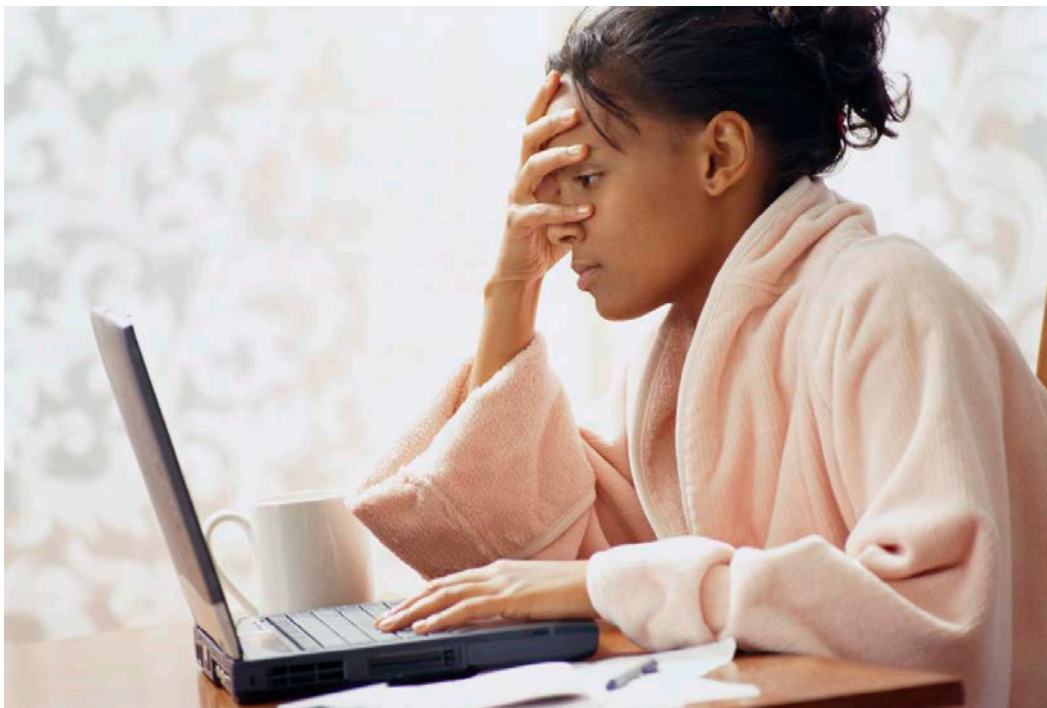
<a href="#"><u>EMPOWERING THE CONSUMER/PATIENT USING SPL DATA</u></a>	<a href="#"><u>2</u></a>
<a href="#"><u>SPL &amp; MOBILE COMMUNICATION DEVICES</u></a>	<a href="#"><u>3</u></a>
<a href="#"><u>SPLIMAGE</u></a>	<a href="#"><u>4</u></a>

**Note:** The purpose of the “Use of SPL Data in Healthcare Information Systems” SPL eBook series is to provide **quick reference guides** for downstream users of SPL data and other entities which express an interest in the utilization of SPL information.

For more detailed information regarding the SPL standard and its implementation, please use these web resources:

1. FDA’s SPL web page: <http://www.fda.gov/ForIndustry/DataStandards/StructuredProductLabeling/default.htm>
2. SPL Working Group Wiki web page: <https://spl-work-group.wikispaces.com/>

## Empowering the Consumer/Patient Using SPL Data



Through the provision of up to date medical product information in SPL format posted on the DailyMed and Labels.fda.gov websites, authors of SPL documents empower the consumer/patient. Within one business day, SPL files with **current** information from medical products' package inserts or drug facts can be posted on the aforementioned websites. An updated version of a medication guide (provided to help patients avoid serious adverse events) submitted with an SPL file can be accessed via the DailyMed and Labels.fda.gov websites. Utilizing the specific section header code in an SPL file, the DailyMed's system provides a specific Medication Guide link which permits patients direct access to the content of an SPL file's medication guide.

Consumers who are visually impaired may benefit from the posting of up to date medical product SPL files by using their computer screen readers to "read" aloud, for example, the text of an OTC drug product's drug facts. These screen readers also "read" the alternative text for each image in an SPL file to describe each picture to the visually impaired consumer.

DailyMed - <http://dailymed.nlm.nih.gov/dailymed/about.cfm>

Labels.fda.gov - <http://labels.fda.gov/>

## SPL & Mobile Communication Devices

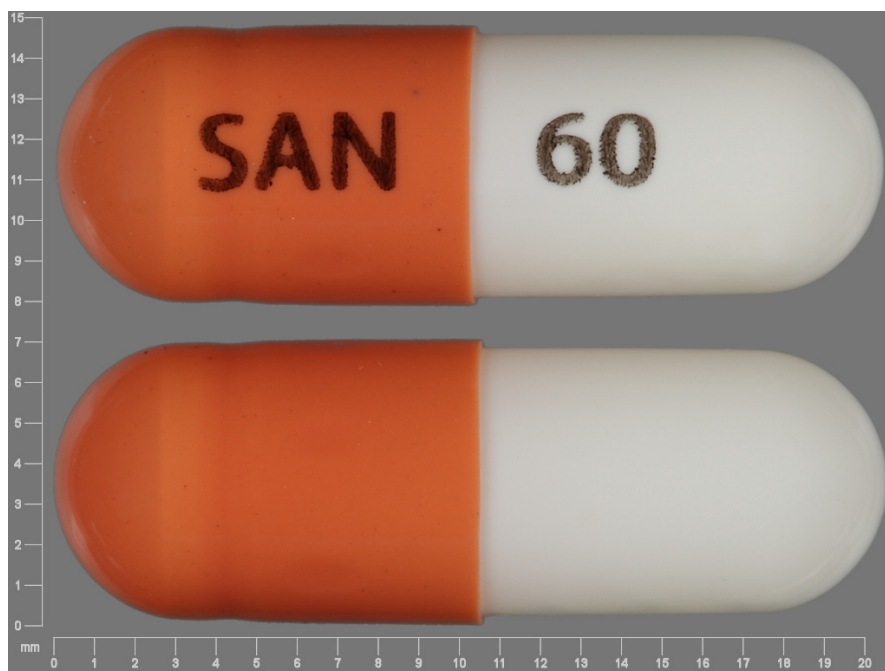


Smart phones may be utilized for more than just checking for updates on one's Facebook account. One may also use today's advanced mobile phones to access up to date medical product information in SPL format using the DailyMed website which has been optimized for mobile devices. If the DailyMed website is accessed via a mobile device, it automatically displays a view specifically designed for use with a cell phone.

The mobile version of DailyMed allows users to expand just the sections of the content of labeling of interest to the user instead of displaying the full text of the content of labeling. For example, instead of scrolling through the text included in all of the content of labeling sections, a cell phone user accessing DailyMed via his/her mobile device may choose to expand just the drug interactions section of the package insert information in an SPL file accessible via DailyMed.

While awaiting the filling of a prescription, this mobile version of DailyMed permits a cell phone user to access the prescribed medical product's latest content of labeling available in an SPL file posted on DailyMed.

## SPLIMAGE



Descriptive information such as the color, shape, size, score, and imprint associated with solid oral dosage form drug products are included in the product data elements sections of SPL files posted on DailyMed and Labels.fda.gov.

In addition to the product data elements for solid oral dosage form drug products, authors of SPL documents may also **voluntarily** provide actual images of those solid oral dosage form products utilizing the SPLIMAGE data element.

Provision of an image of a solid oral dosage form drug product in an SPL file posted on DailyMed may assist healthcare professionals such as pharmacists or poison control centers' employees identify solid oral dosage form drug products.

National Library of Medicine (NLM) will photograph solid oral dosage form drug products and provide the images to SPL document authors. For more information regarding this initiative, see this web page with the NLM "SPLIMAGE" Federal Register notice <http://www.gpo.gov/fdsys/pkg/FR-2011-05-23/html/2011-12629.htm>.

For information regarding the detailed SPLIMAGE specifications, please visit this web page: <http://dailymed.nlm.nih.gov/dailymed/splimagespec.cfm>.